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e（自然常数）exp(x)

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The Selfish Gene / The Immortal Gene

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8. Grigori Perelman □ Poincaré conjecture □□

9. Demis Hassabis □ AlphaGo Zero □□□□□□□□ intuition□□□□□□□□□□□□□ intuition □□□□□ Demis Hassabis □□□□ AlphaGo Zero □□ intuition □□□□□□□□□ AlphaGo Zero □□□□□□□□□□□ a meta-solution to any problem□

10. □□ AlphaGo Zero □□□□□ Nature □□□□□□□□ superhuman performance□□□□□□□□□□□□□□□

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14. □□□□□□□□□□ The Selfish Gene□□ The Immortal Gene□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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16. □□□□□□□□□□□□□Austrian School of Economics□□

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21. □□ Turing Machine □□□deterministic, probabilistic, etc.□□□□□□□□□□□□

22. □□ Turing Test □□□□□□□□□□□□□□□□□□□□□□□□□□□□□ SAE level 4 □ level 5 □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

23. □□□□□□□□□□□□□□□□□□□□□□□□□□□□□ encoder-decoder, attention, transformer, BERT □□□

24. □□□□□□□□ deep-learning □□□□□ deep residual networks □□□□□generative adversarial networks, etc.□□□□□□□□□□□□□□□□□□□□□□□□□□□□

25. Universal Approximation Theorem overfitting、underfitting chaos phenomena

26.

27.

 exact Demis Hassabis 所说，a meta-solution to any problem

 Freeman Dyson

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Demis Hassabis 和 AlphaGo Zero AlphaGo Zero

 AlphaGo Zero 和 AlphaGo Master Nature

 Fight-or-flight AlphaGo Zero 在 retire fight-or-flight

 SAE level 5 SAE level 4

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